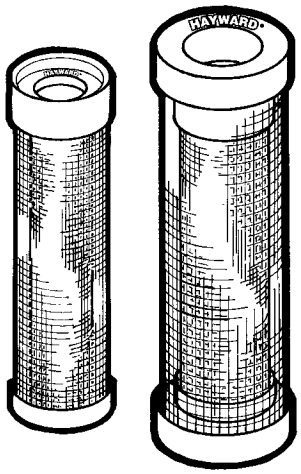

SWIMPURE™

NATURAL POOL PURIFYING SYSTEM

Your Hayward SwimPure™ Natural Pool Purifying System has established a new horizon in swimming pool water purification. The system is designed to fit into all Hayward high-performance cartridge filters and can be installed simply by placing your SwimPure™ unit into the cartridge filter element. It will release minerals into the water to make your pool water clean and healthy.

SAFETY INSTRUCTIONS

The SwimPure™ Natural Pool Purifying System featuring Nature$^{2®}$ can be used with every type of chemical treatment available except bromine and bromide based chemicals[1], biguanide products[2] (e.g. Baquacil* or Softswim**), and copper based algaecides[3].

1. Bromine/Bromide will reduce the effectiveness of the purifying system.
2. Metals (e.g. silver) combine with biguanides to form cloudy water.
3. Copper based algaecides may cause staining of pool walls.

* A Trademark of Zeneca, Inc.

** A Trademark of Biolab, Inc.

Caution: Please make sure that for all above ground models (N2C400, N2C550, N2C850 and N2C1250), the swimming pool size should be 5,000 gallons up to 25,000 gallons. For all inground models (N2C900, N2C1200, N2C1750, N2C2000, N2C3000, N2C4000, N2C5000), the pool size should be 10,000 gallons up to 35,000 gallons. Using a SwimPure system for an undersized pool may cause staining of the pool.

INSTALLATION

Before starting up a new purifying system, clean debris and algae out of pool and equipment.

1. **Balance pool water**

   All swimming pools require properly balanced water. Refer to the chart below for required chemical levels. Consult your dealer for specific water balance instructions.

   Important: Do not install the purifying system until the pool water is chemically balanced.

pH	7.4 - 7.8
Calcium Hardness	200 - 400 ppm
Total Alkalinity	80 - 150 ppm

2. **Install the System**

   a. Shut off the pump.

   b. If filter is located below water level, close valves (or block off suction and discharge lines) to prevent backflow of water from pool.

   c. Unscrew and remove drain plug and allow water to drain from filter. Close drain plug.
   (Note: To assist draining process, open vent valve a few turns).

   d. Remove the filter head:

   On models with locking knob: Unscrew locking knob.
   On models with Easy-Lok™ lid: Depress safety-latch and unscrew Easy-Lok lid.
   On models with clamp assembly: Remove clamp assembly.

   NOTE: Refer to Owner's Guide provided with your filter for specific instructions on disassembly.

   e. Remove cartridge element(s). **(Note: On multi-element filters, remove top closure plate before removing cartridge elements).**

   f. Clean cartridge element(s). **(Note: Refer to Owner's Guide for your filter).**

   g. Clean debris from bottom of filter tank.

   h. Install cartridge element(s):

   For Models N2C900, N2C1200, and N2C1750:
   These models are packaged with an air tube support. Install this air tube support before installing the filter element. Your filter will already have one air tube support installed. Follow these instructions to install this second air tube support:

   1) Place the new air tube support over the air relief tube and tie rod until it is close to the one that is currently in the filter.
   2) Slide the lower air tube support down the tie rod and air relief tube until it is approximately one inch above the opening for the cartridge element or until the air tube no longer interferes with the system.

   For Models N2C400, N2C550, N2C850, N2C1250, N2C2000, N2C3000, N2C4000 and N2C5000: Follow the instructions provided by your filter Owner's Guide to re-install the cartridge element back into the filter.

   i. Install the purifying system:
   Lower the system into the center of the cartridge element with the side showing Hayward face-up. However, if your filter is a multi-cartridge element filter, place the system into the center of any cartridge element with the side showing Hayward face-down.
   Note: Filters that use multiple elements only require one system. The system can be placed inside any one of the four cartridge elements.

   j. Reassemble the filter head:

   On models with locking knob: Replace head and locking knob. Tighten locking knob in clockwise direction. (Hand tight only)
   On models with Easy-Lok lid: Place Easy-Lok lid on filter body and turn clockwise until it engages and is secured by the safety latch.
   On models with clamp assembly: Replace head and clamp assembly.
   Note: Refer to Owner's Guide provided with your filter for specific instructions.

3. **Record installation date. Important: Record the installation date of your SwimPure system on the label provided along with your system package. Make sure the label is placed on the body of your filter. Replace the SwimPure unit after six months.**

4. **Super-oxidize or "shock" the pool.** On the first day, super-oxidize the water with 1 lb. dry, or 1 gallon of liquid chlorine, per 10,000 gallons of water to burn off contaminants and to activate the purifying system.

5. **Activate the system.**

   a. Run the pump and filter system **24 hours per day for 4 days — OR:**

   b. Run the pump and filter system **6 hours per day for 14 days.**

   Note: Maintain 1-2 ppm residual chlorine level, throughout the 4 day or 14 day activation period.

6. Let the chlorine residual drop to 0.4-0.6 ppm when the system activation period is complete.

MAINTENANCE

1. **Follow the maintenance schedule below:**

How Often:	What to do:
Every Day	Run pump and operate filter system at least 6 hours daily.
Once a Week	Balance pH and Total Alkalinity.
As Needed	Check chlorine residual: add chlorine to maintain 0.4-0.6 ppm residual.
As Needed	If the water starts to look hazy, super-chlorinate ("shock") using 1 lb. of chlorine granules or 1 lb. of non-chlorine oxidizer per 10,000 gallons of water. Add cyanuric acid to maintain 50 ppm. Please seek to reduce your chlorine level by 50% to 80% versus the chlorine levels you would maintain without the SwimPure purifying system.

2. **Replacement Interval**

In frost-belt regions (3-6 month season):
Discard your used system when you close your pool at the end of the season. Install a new system when you open your pool in the spring.

In sun-belt regions (7-12 month pool season):
Replace the system every 6 months whether or not you plan to use the pool for swimming.

Important: Your SwimPure replacement unit comes with a label. Record the installation date of the unit on the label and place the label on the body of your filter. Replace the SwimPure unit after six months.

3. **Replacing System or Cleaning Filter Elements**
Follow the instructions for **Installing the System** under **INSTALLATION** on Page 1. When the cartridge element is removed, it will slip over the purifying system, leaving the purifying system in the filter. The system can then be removed.

Troubleshooting Guide

	Problem	What To Look For	Treatment
Cloudy Water	Poor filtration	Slow filter turnover rates.	1. Backwash & clean filter. 2. Run filter for 24 hours. 3. Increase run time per day.
	Algae growth	Hazy pool water; may have slight green appearance	Superchlorinate water (with dealer's guidance) and brush pool walls. See treatment for green algae below.
	Unbalanced water	1. High hardness 2. High TDS (Total Dissolved Solids) 3. High pH 4. High Total Alkalinity	Balance the pool water.
Algae Algae may be caused by insufficient levels of oxidizer and/or inadequate water circulation	Green algae	Pea green color; attaches to pool walls; sometimes colors the entire body of water.	1. Check pH and adjust if necessary. 2. Shock pool with chlorine. 3. Brush surfaces. 4. Repeat steps 1-3 until algae is gone. 5. Backwash filter.
	Black algae	Black spots on pool walls	1. Brush affected areas. 2. Shock pool with chlorine. 3. Add algaecide. 4. Vacuum pool. 5. Repeat steps 1-4 until algae is gone. 6. Backwash filter.
	Mustard algae	Yellow or brown film on steps or walls.	

NOTES: Regular algaecide treatments are recommended for outdoor pools that experience persistent algae problems. Do not use algae treatments containing either copper or sodium bromide.

If you need further assistance, please call 1-800-910-4378.
Please visit our website at www.haywardnet.com

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Natural Mineral Purifiers for Pools and Spas

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